

ABSTRACT

5 A personal radio service (PRS) device configured to engage in private, short-range
two-way voice communications with another PRS device in range of the PRS device. The
PRS device can include a GPS receiver disposed in the PRS device; and, a radio
frequency (RF) transceiver. The RF transceiver can be configured both to modulate and
transmit voice communications and positioning data received from the GPS receiver, and
10 also to demodulate voice communications and positioning data received from other PRS
devices in range of the PRS device. The PRS device can include any private, short-range,
two-way communications device, for example a Citizens Band (CB) radio services device,
a General Mobile Radio Services (GMRS) device, and a Family Radio Services (FRS)
device, each configured to engage in private, short-range two-way voice communications
15 with another corresponding device in range thereof.